

AMENDMENTS TO THE SPECIFICATION:

Page 5, between lines 6 and 7 before the “Description of the Preferred Embodiments”, please insert the following heading and paragraph:

Brief Description of the Drawings

FIG. 1 depicts multiple sequence alignments of five AchE sequences, three BuChE sequences and the human amyloid precursor polypeptide at the region of interest. Specifically, it depicts an alignment of polypeptide sequences of hum AChE (human AChE; SEQ ID NO: 6), rab AChE (rabbit AChE; SEQ ID NO: 7), mus AChE (mouse AChE; SEQ ID NO: 8), rat AChE (rat AChE; SEQ ID NO: 9), Bov AChE (bovine AChE; SEQ ID NO: 10), hum BuChE (human BuChE SEQ ID NO: 11), rab BuChE (rabbit BuChE; SEQ ID NO: 12), mus BuChE (mouse BuChE; SEQ ID NO: 13) and hum Amyl (human A4 amyloid precursor polypeptide; SEQ ID NO: 14). Residues in bold are conserved across all sequences. Boxed residues are shared by all AChEs and hum Amyl but none of the BuChE sequences. Amyloid peptide residues 1-42 are shown within a box. The bar above the alignment indicates the position of the AChE and BuChE synthetic peptides, while the bar below the alignment identifies the synthetic APP peptide.